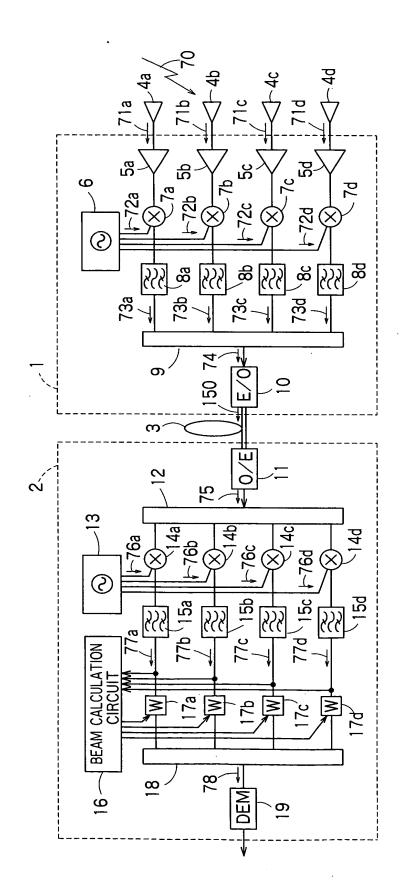


FIG. 1

-7c 5d Sa. W & W & W & & **K** ကိ B. ga, ക് BEAM CALCULATION CIRCUIT 17a `ዺ 📡 <u>∞</u> 16 DEM 9

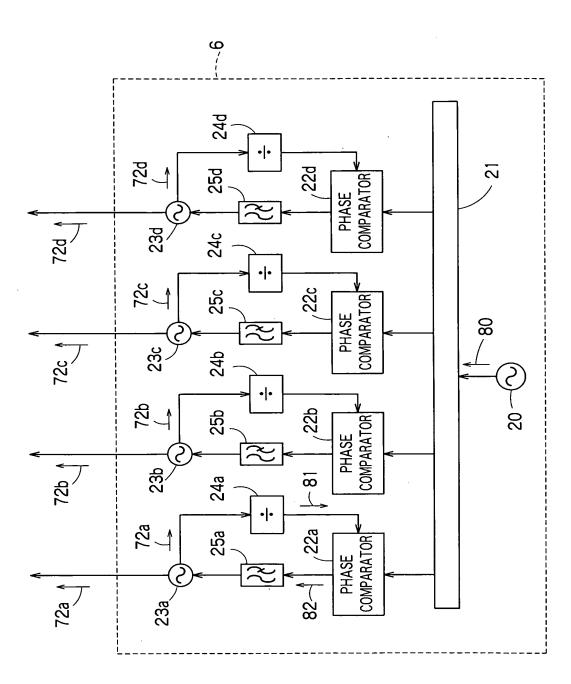
F I G. 2

1



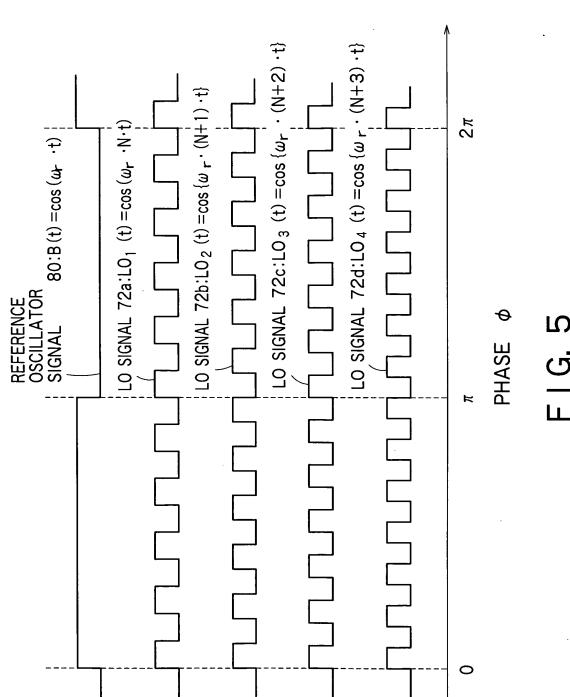
F . G. 3

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F | G. 4

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F | G. 5

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R' (t) = $(1/2) \cdot \cos \left[(\omega_{RF} - N\omega_r) \underbrace{t} - N\phi_{BS} \right]$ RECEPTION SIGNAL 71a R (t) = $\cos \left[\omega_{RF} \right]$ t] RECEPTION SIGNAL 73a



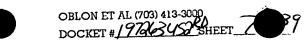
F I G. 6A

RECEPTION SIGNAL 77a

$$R" (t) = (1/4) \cdot \cos \left[\{ \omega_{RF} - N\omega_{r} - (N+3) \omega_{r} \} t' - N\phi_{BS} - (N+3) \phi_{CS} \right]$$
$$= (1/4) \cdot \cos \left[\omega_{IF} t' - N\phi_{BS} - (N+3) \phi_{CS} \right]$$



F I G. 6B



 $\phi_{BS} \neq \phi_{CS} \pm 2\pi$

RECEPTION SIGNAL 77a
----- RECEPTION SIGNAL 77b
---- RECEPTION SIGNAL 77c
---- RECEPTION SIGNAL 77d

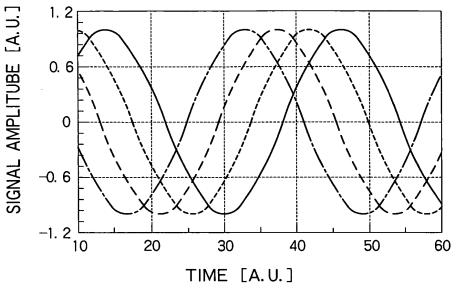
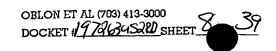


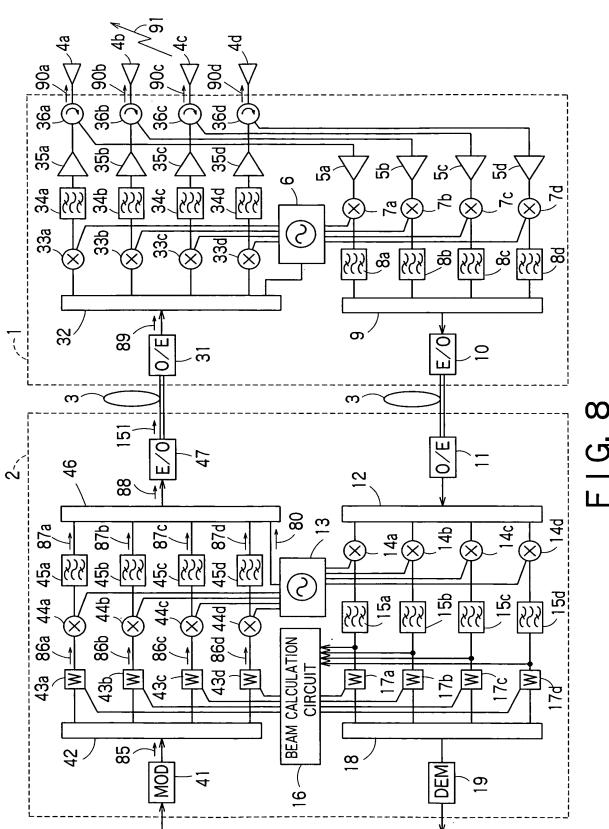
FIG. 7A

 $\phi_{\rm BS} = \phi_{\rm CS} \pm 2\pi$ RECEPTION SIGNAL 77a~77d

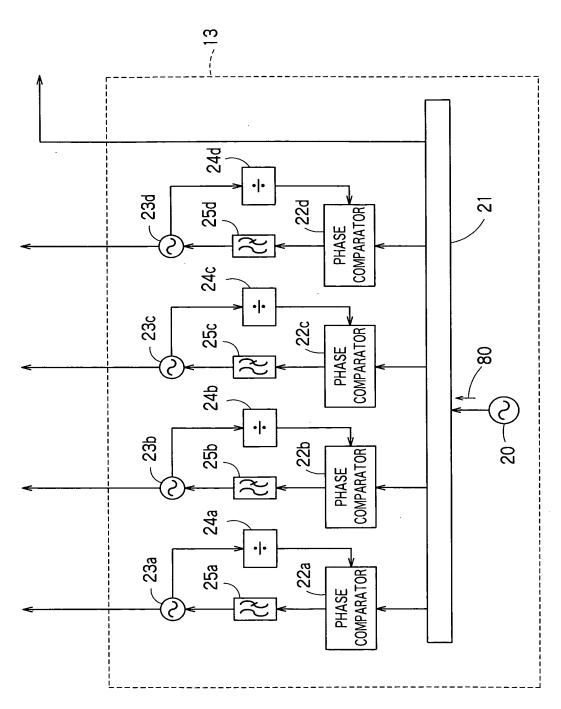
The second of the

FIG. 7B





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F | G. 9

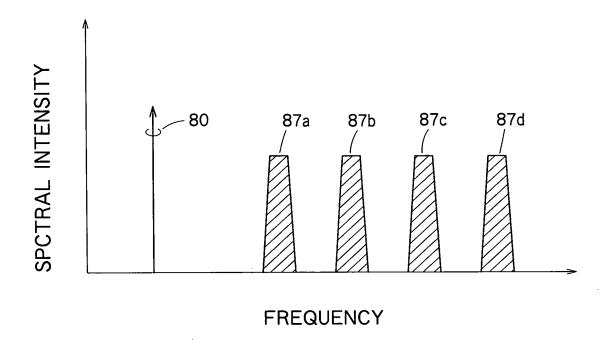
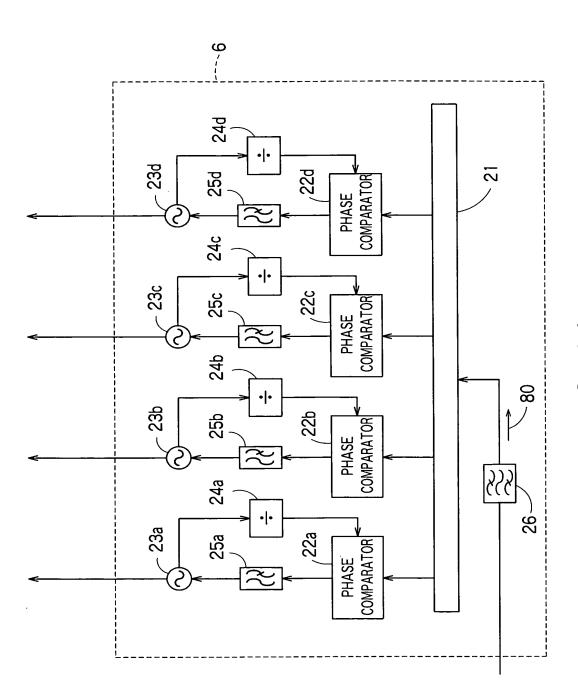


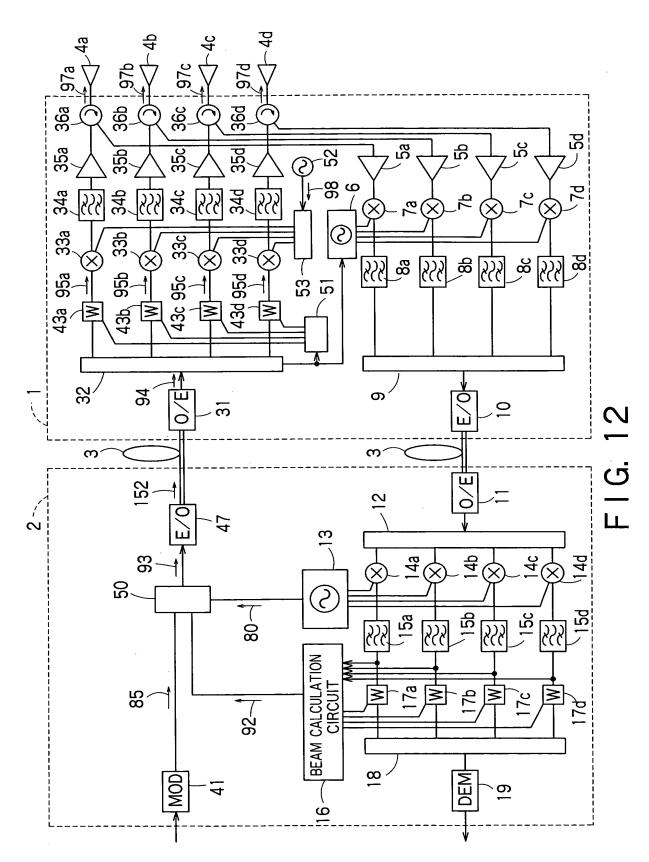
FIG. 10

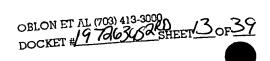


F G. 11



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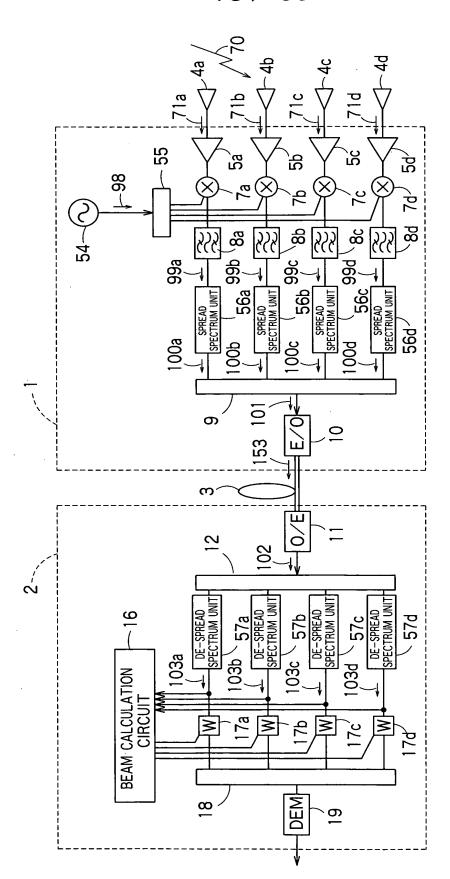


FIG. 13

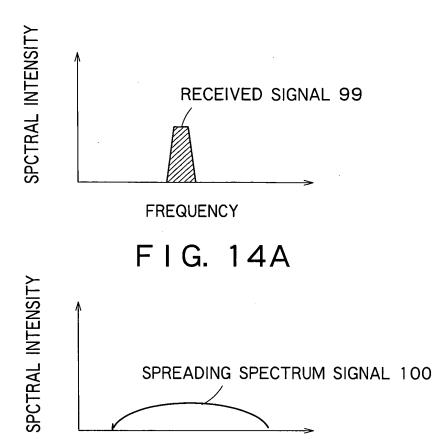


FIG. 14B

FREQUENCY

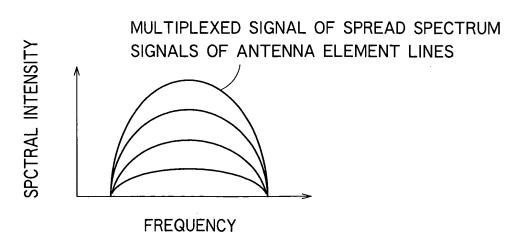
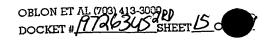


FIG. 14C



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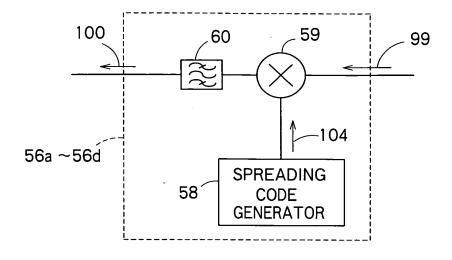


FIG. 15A

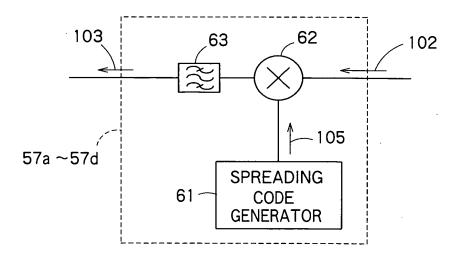
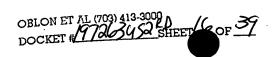
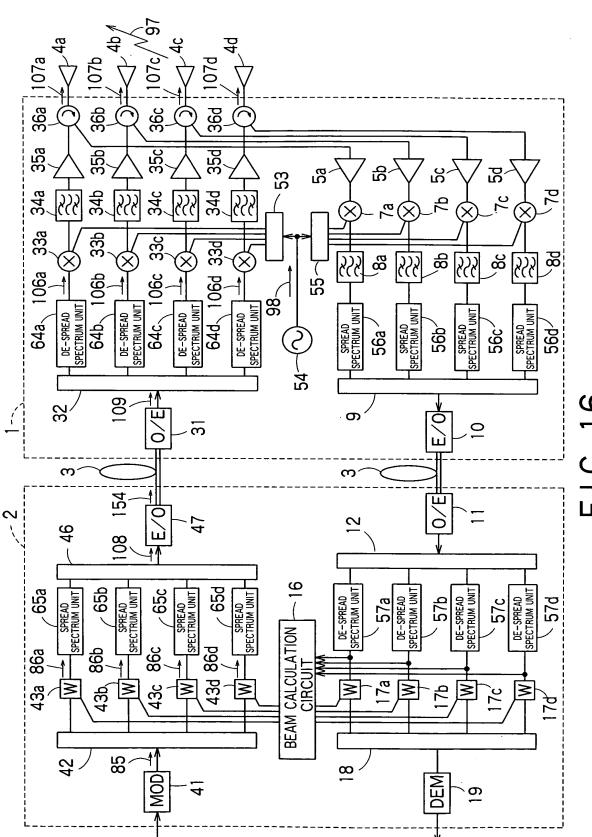


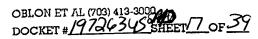
FIG. 15B



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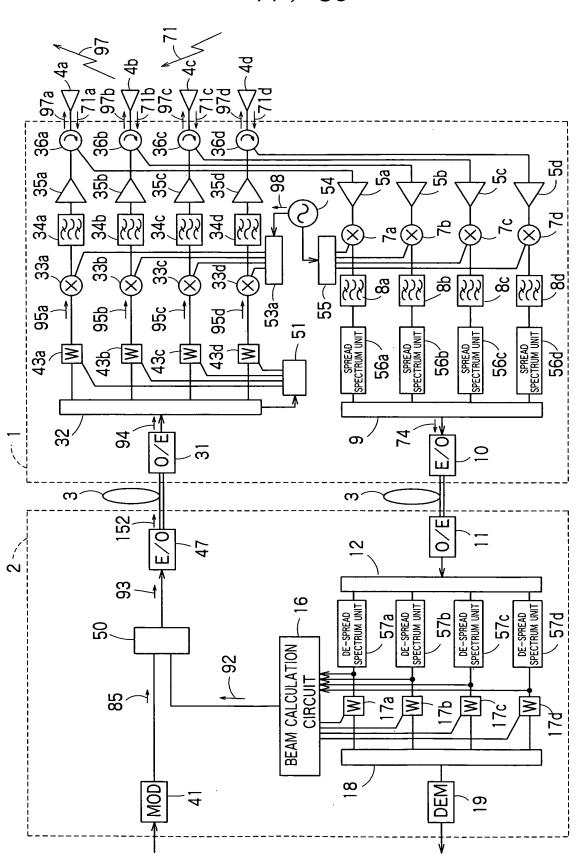
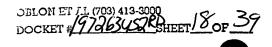
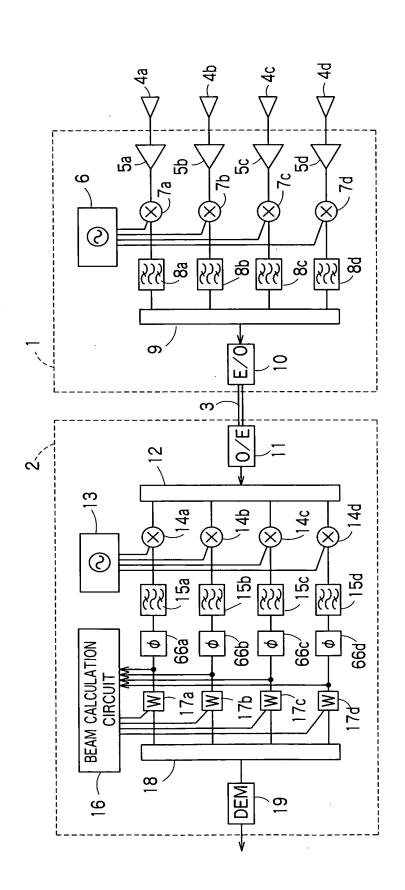
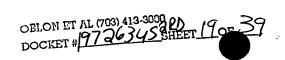


FIG. 17

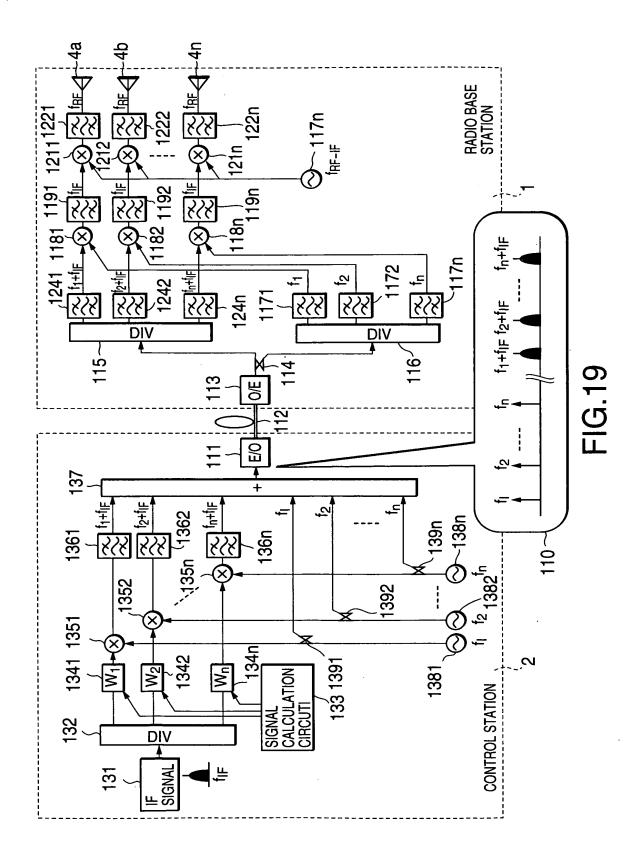




F | G. 18



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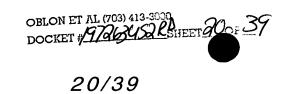




FIG.20

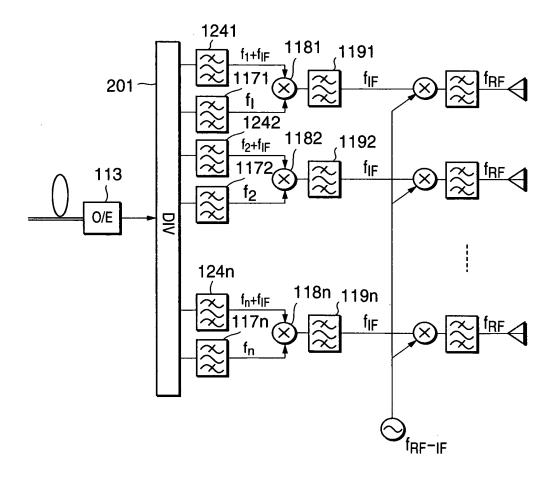
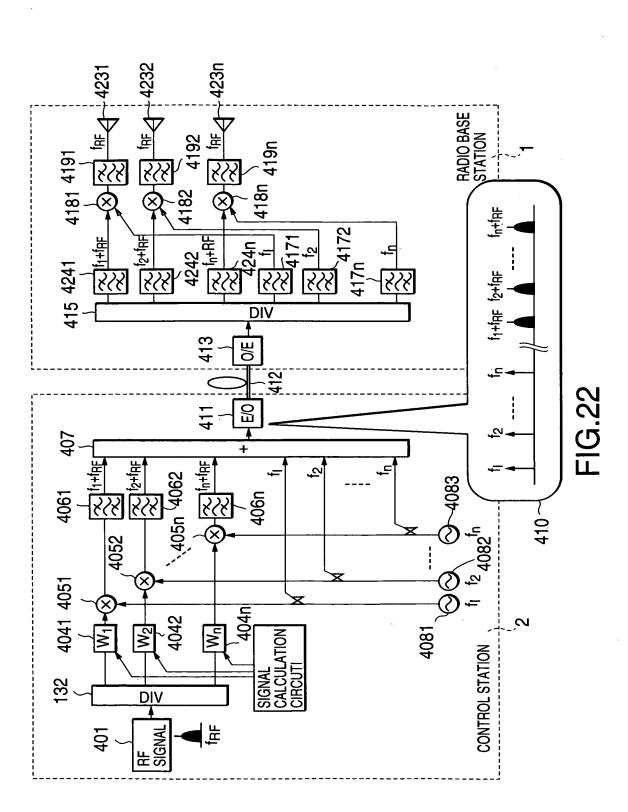
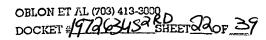


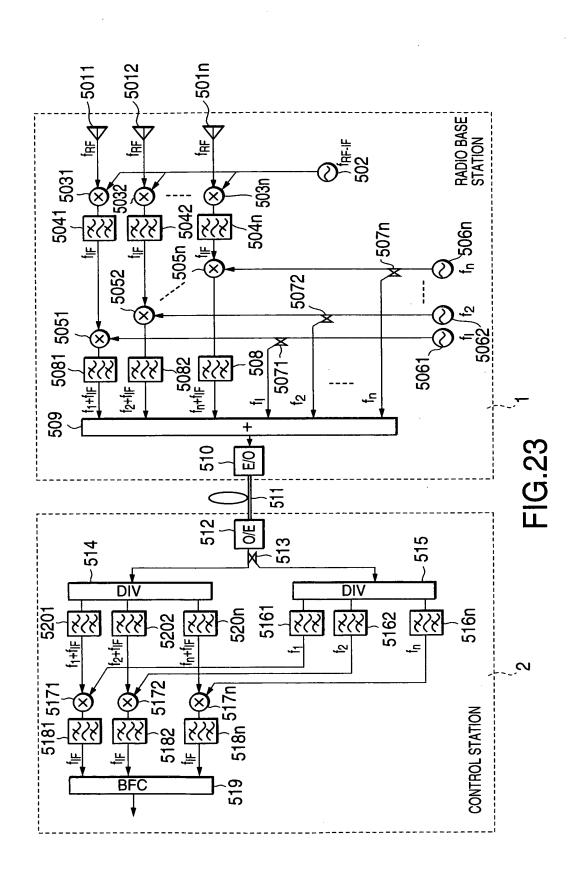
FIG.21

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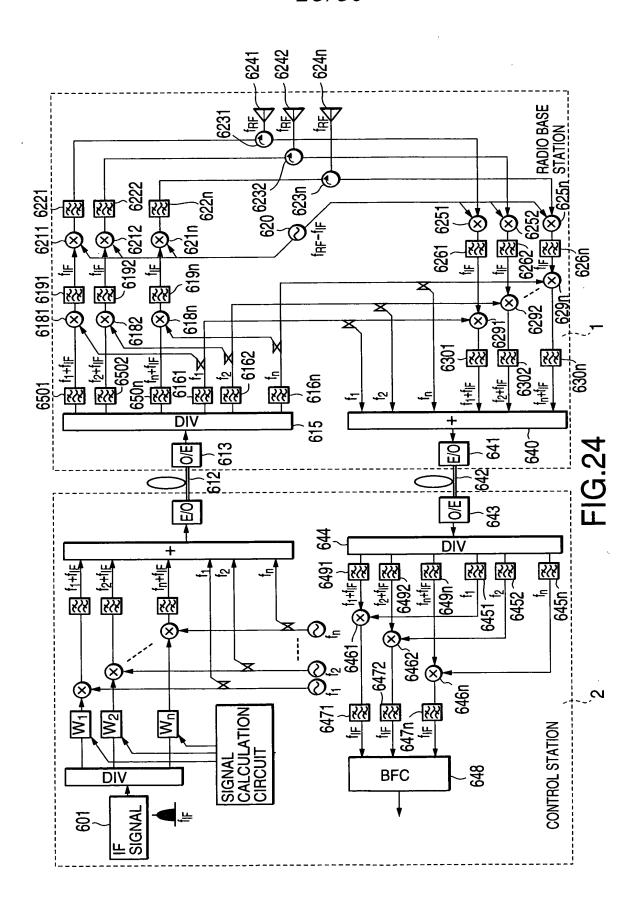


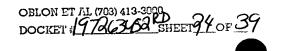
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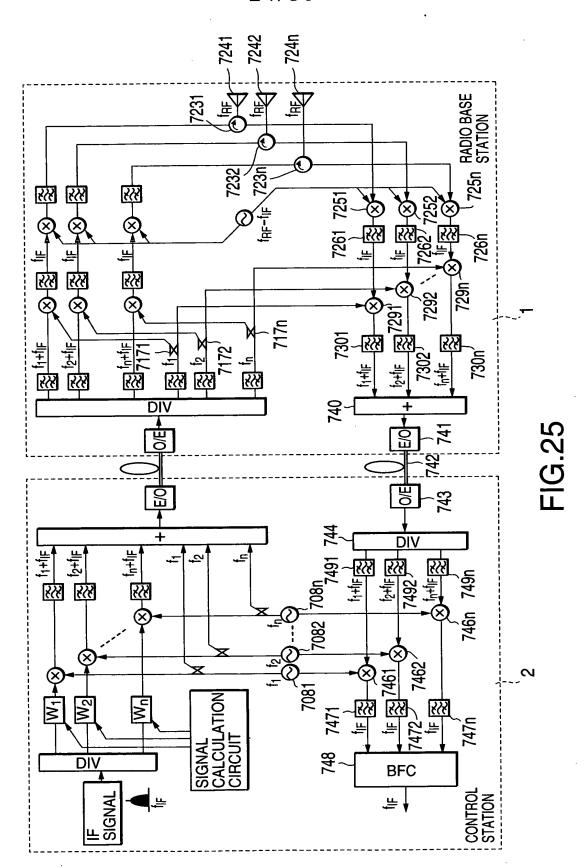


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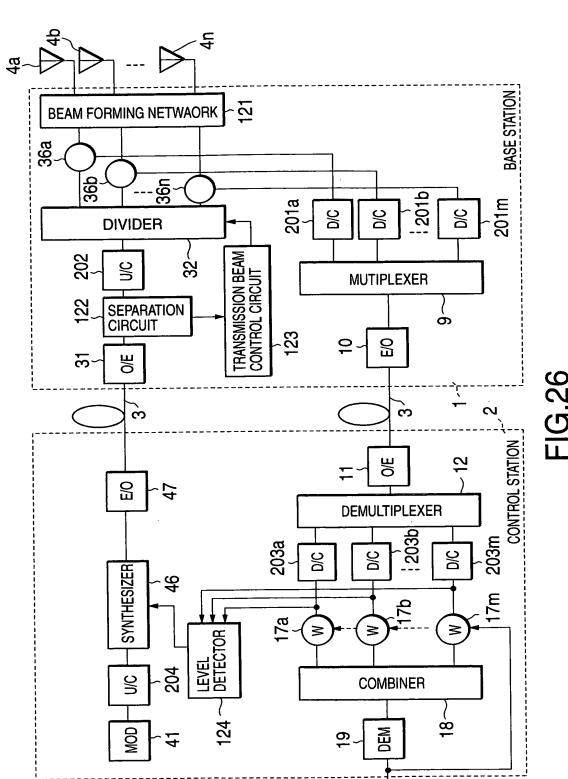


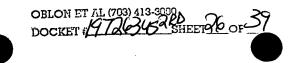


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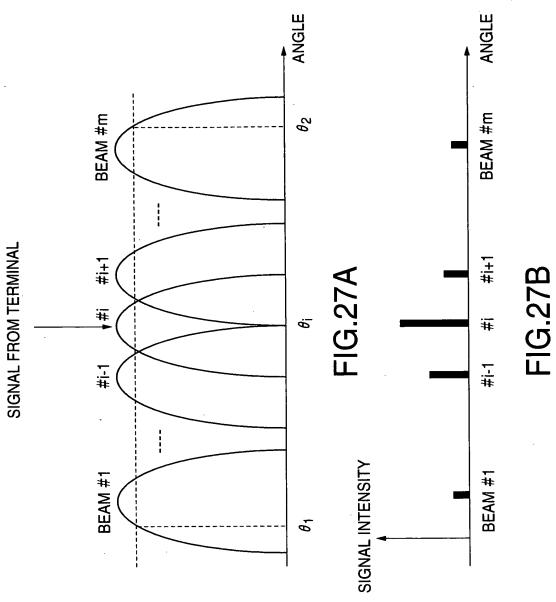


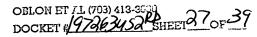
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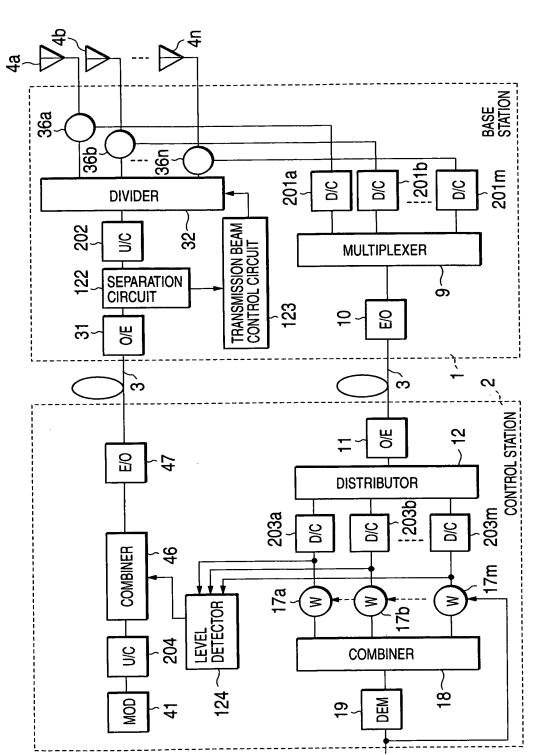


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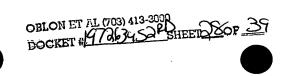




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-1G.28



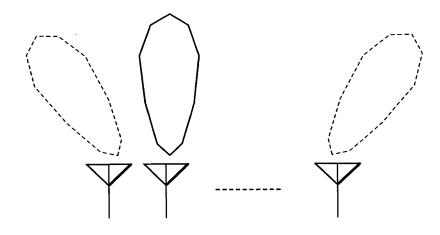


FIG.29A

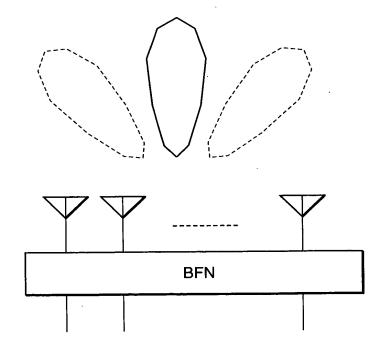
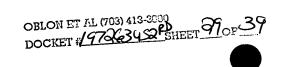


FIG.29B



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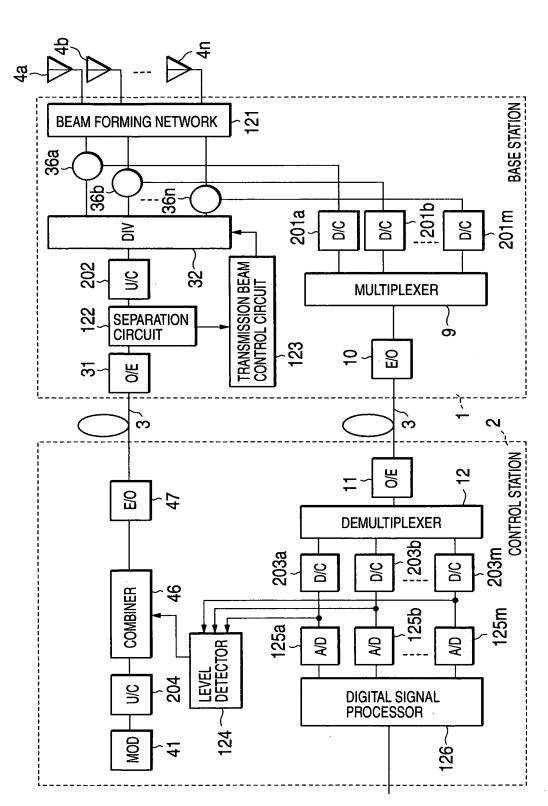
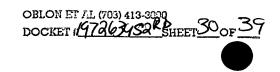


FIG.30



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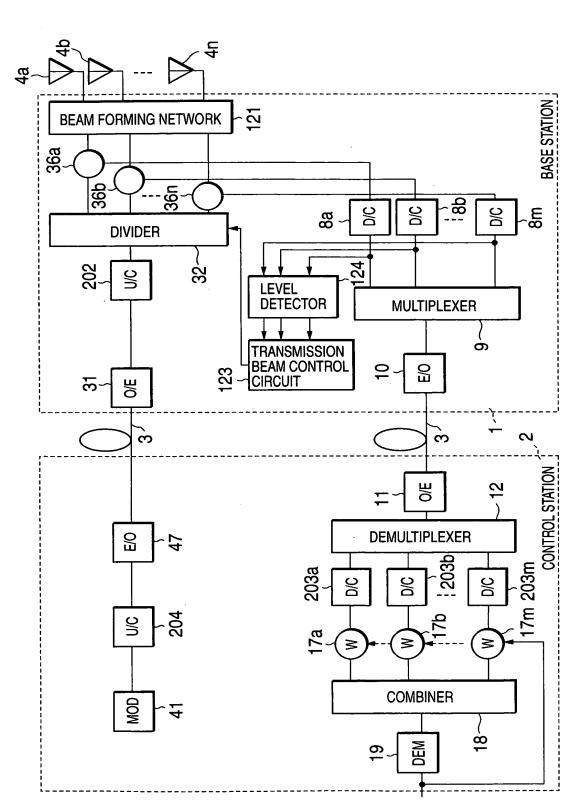
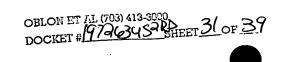


FIG.31



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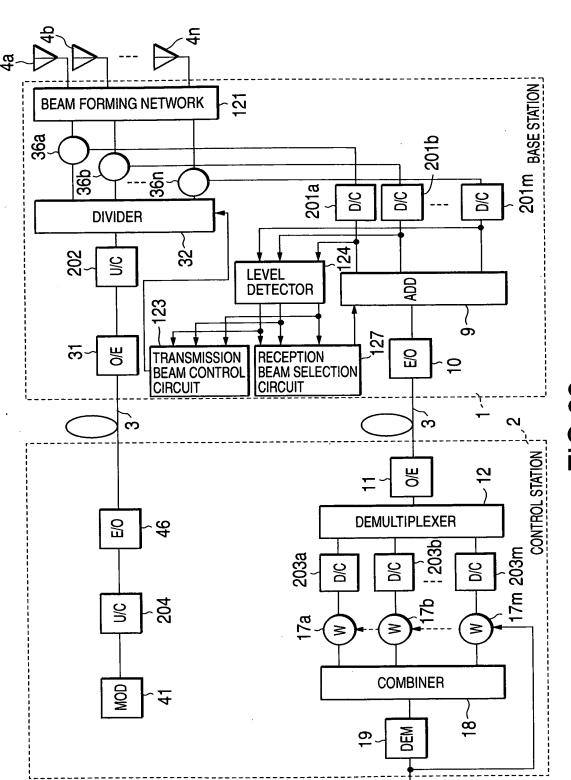
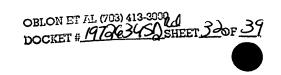


FIG.32



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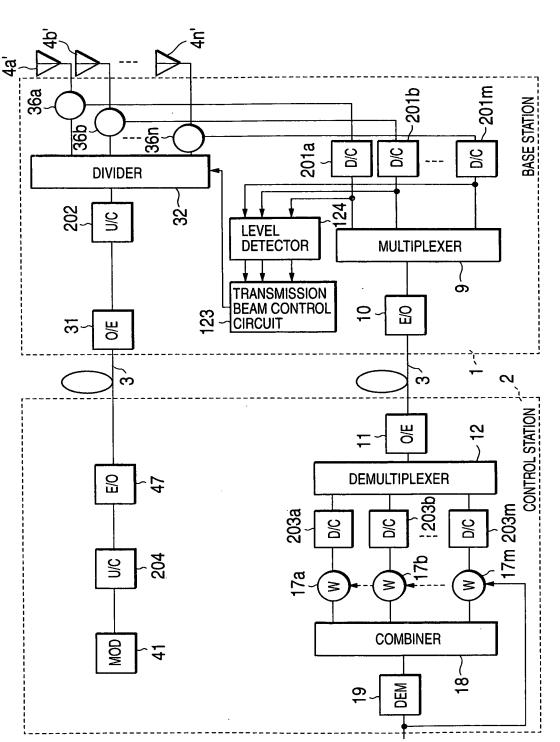
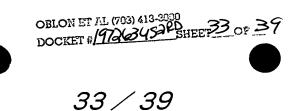


FIG.33



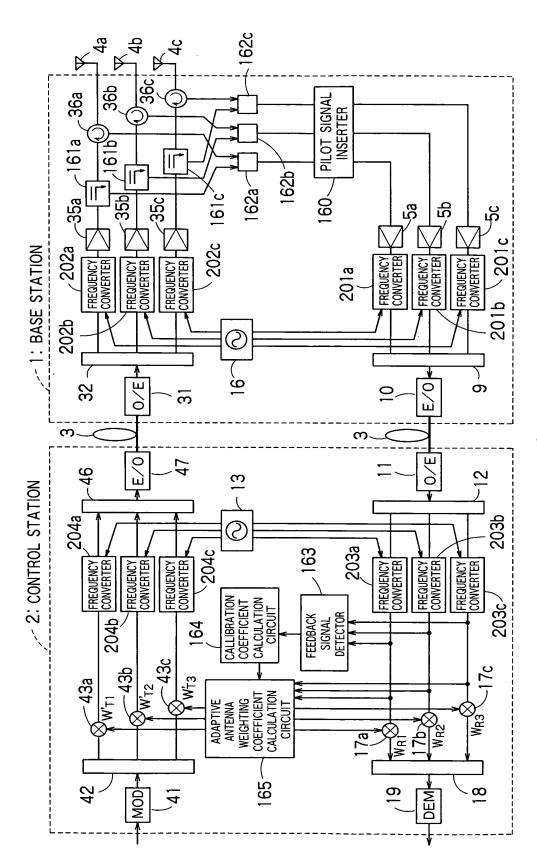
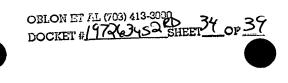


FIG. 34



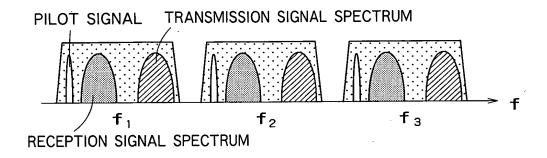


FIG. 35

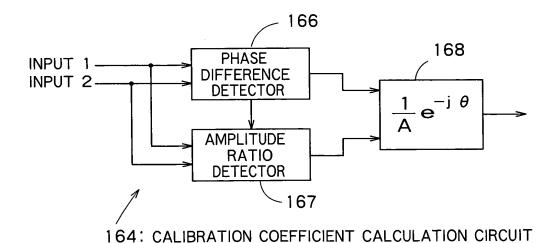
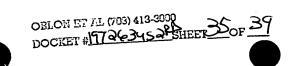
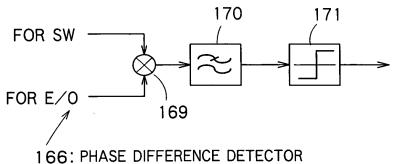


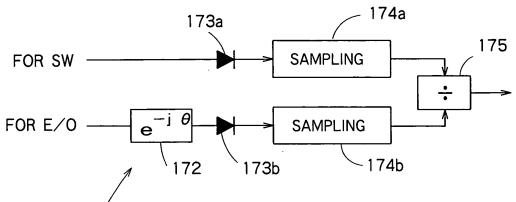
FIG. 36





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FIG. 37



52: AMPLITUDE RATIO DETECTOR

FIG. 38

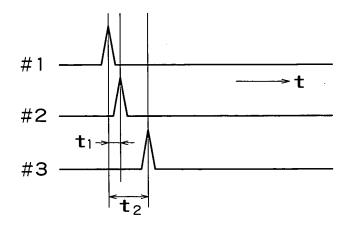
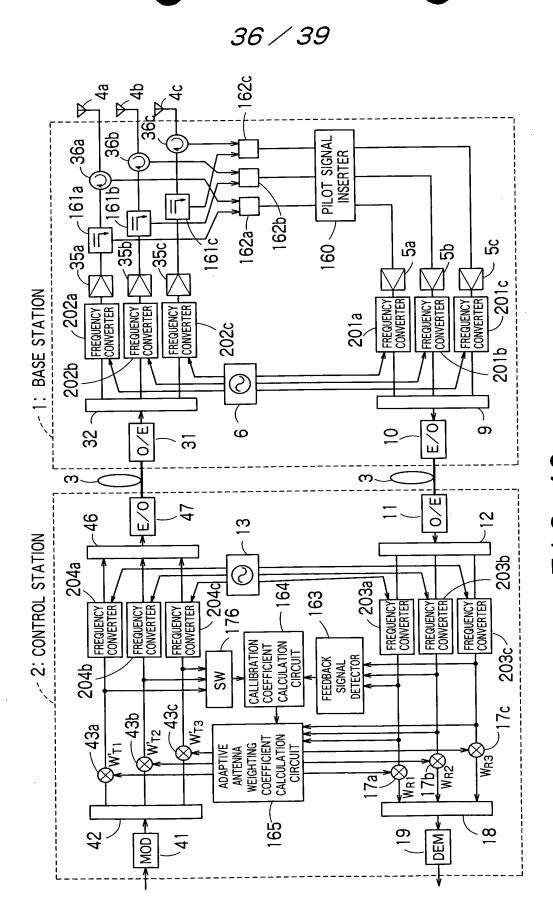


FIG. 39



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FIG. 40

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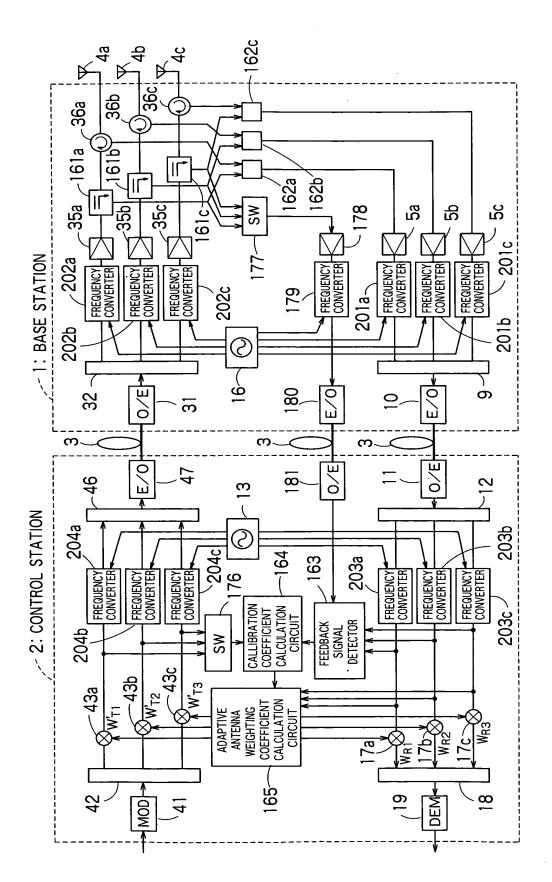
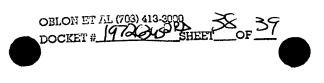


FIG. 41



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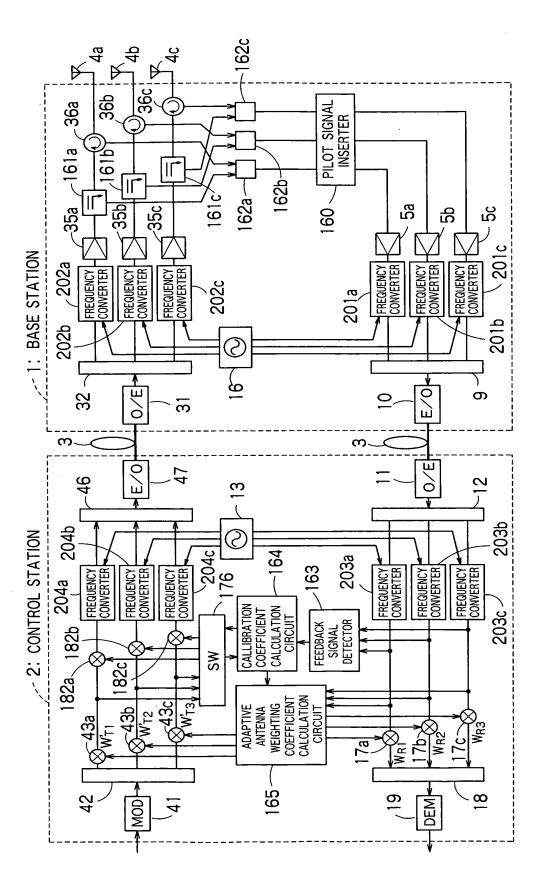
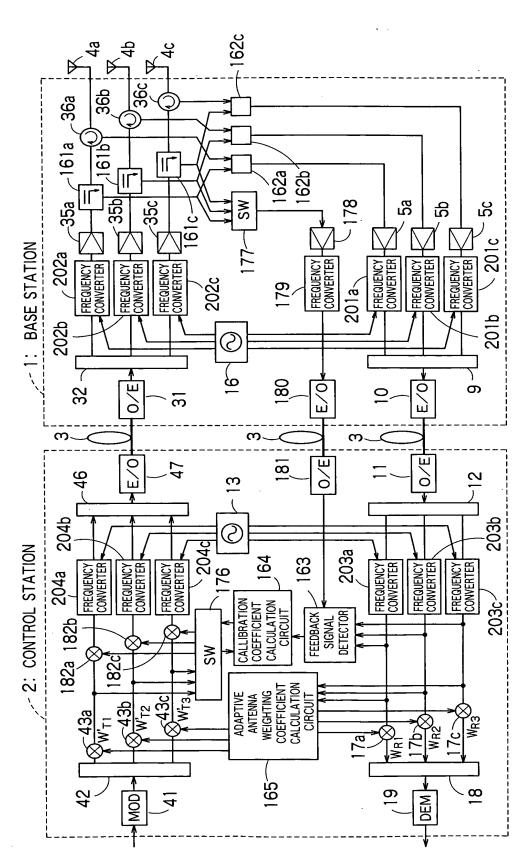


FIG. 42





F1G. 43